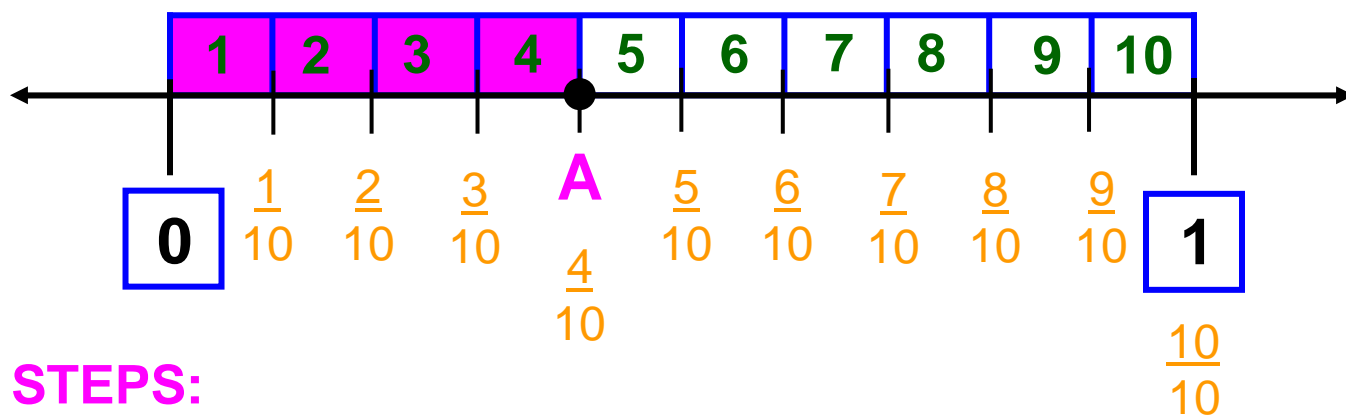


Decimals on a Number Line

Point A best represents what decimal?



STEPS:

1. Draw a candy bar from whole number to whole number.
2. Number the pieces. Decimals must be in 10 or 100 equal pieces in 4th grade.
3. Label each piece as a fraction.
4. Write the fraction as a decimal using place value or the lollipop strategy.

Place Value

$$\frac{4}{10} = .4$$

$$\frac{4}{10} = .\underline{4}$$

tenths

Lollipop Strategy

$$\frac{4}{10} = .4$$

$$\overset{4}{\underset{\bullet}{1}}\frac{4}{10} = .4$$

If the number line is not in 10 or 100 equal pieces, add extra lines to make equal pieces.

